

Title (en)  
NAPHTHYLIDINE DERIVATIVE HAVING HIV INTEGRASE INHIBITORY ACTIVITY

Title (de)  
NAPHTHYLIDINDERIVAT MIT EINER HIV-INTEGRASE-HEMMENDEN WIRKUNG

Title (fr)  
DERIVE DE NAPHTHYLIDINE AYANT UNE ACTIVITE D INHIBITION DE LA VIH INTEGRASE ELEVEE

Publication  
**EP 1714966 A1 20061025 (EN)**

Application  
**EP 05704349 A 20050202**

Priority  
• JP 2005001454 W 20050202  
• JP 2004027849 A 20040204

Abstract (en)  
[Problems to be Solved] To provide a novel compound having antiviral activity, especially inhibitory activity against HIV integrase, a pharmaceutical composition, especially anti-HIV drug, containing the same. [Means to Solve the Problem] A compound of the formula: (wherein: R 1 is optionally substituted aralkyl; R 2 and R 3 are each independently hydrogen, optionally substituted alkyl, optionally substituted amino, optionally substituted alkenyl or optionally substituted alkoxy (provided that each substituent for "optionally substituted" is a noncyclic group); R 4 is hydrogen, optionally substituted carboxy, optionally substituted formylamino, optionally substituted carbamoyl, optionally substituted amino (provided that a substituent on amino in "optionally substituted formylamino", "optionally substituted carbamoyl" and "optionally substituted amino" may form an optionally-substituted N-atom containing heterocyclic ring together with an adjacent N atom), optionally substituted alkyl, optionally substituted alkenyl, optionally substituted aryl, or optionally substituted heteroaryl) or a salt thereof.

IPC 8 full level  
**A61K 31/4375** (2006.01); **A61K 31/5377** (2006.01); **A61K 31/541** (2006.01); **A61P 31/12** (2006.01); **A61P 31/18** (2006.01); **A61P 43/00** (2006.01); **C07D 471/04** (2006.01)

CPC (source: EP US)  
**A61P 31/12** (2017.12 - EP); **A61P 31/18** (2017.12 - EP); **A61P 43/00** (2017.12 - EP); **C07D 471/04** (2013.01 - EP US)

Cited by  
EP1972627A1; EP3284739A1; US8513420B2; WO2017157885A1; WO2008113558A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1714966 A1 20061025**; **EP 1714966 A4 20080102**; JP 4789144 B2 20111012; JP WO2005075475 A1 20071011; US 2009227621 A1 20090910; US 7919623 B2 20110405; WO 2005075475 A1 20050818

DOCDB simple family (application)  
**EP 05704349 A 20050202**; JP 2005001454 W 20050202; JP 2005517683 A 20050202; US 58785706 A 20060728